

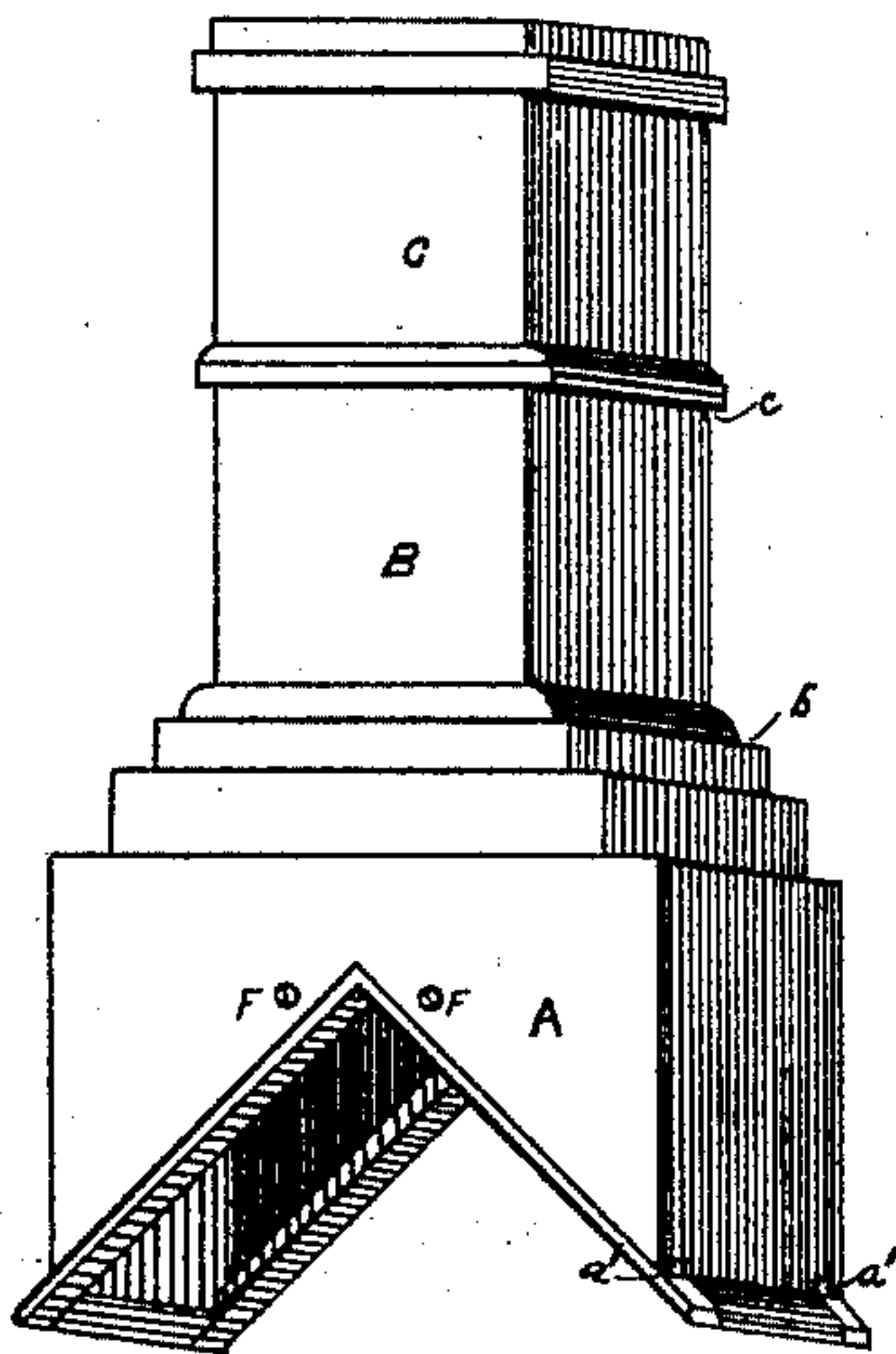
(No Model.)

F. RASNER.  
CHIMNEY TOP.

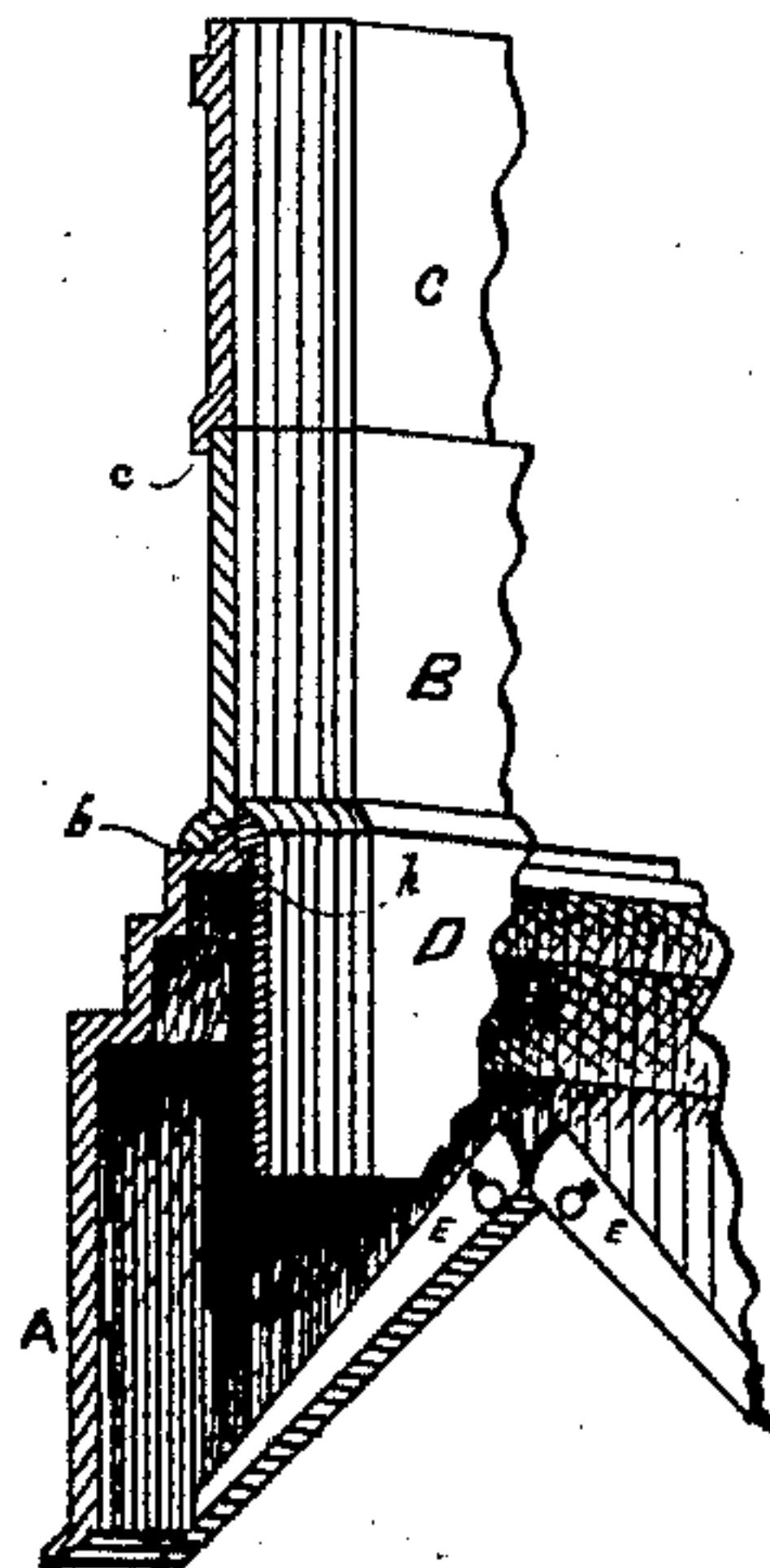
No. 462,162.

Patented Oct. 27, 1891.

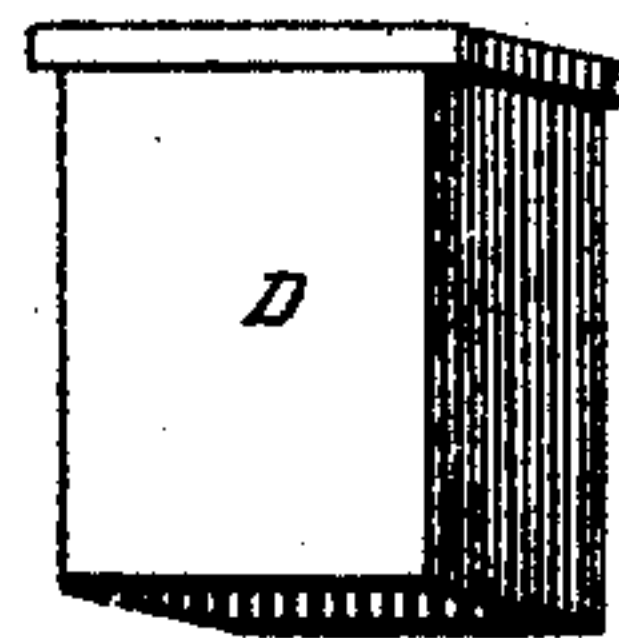
*Fig. 1.*



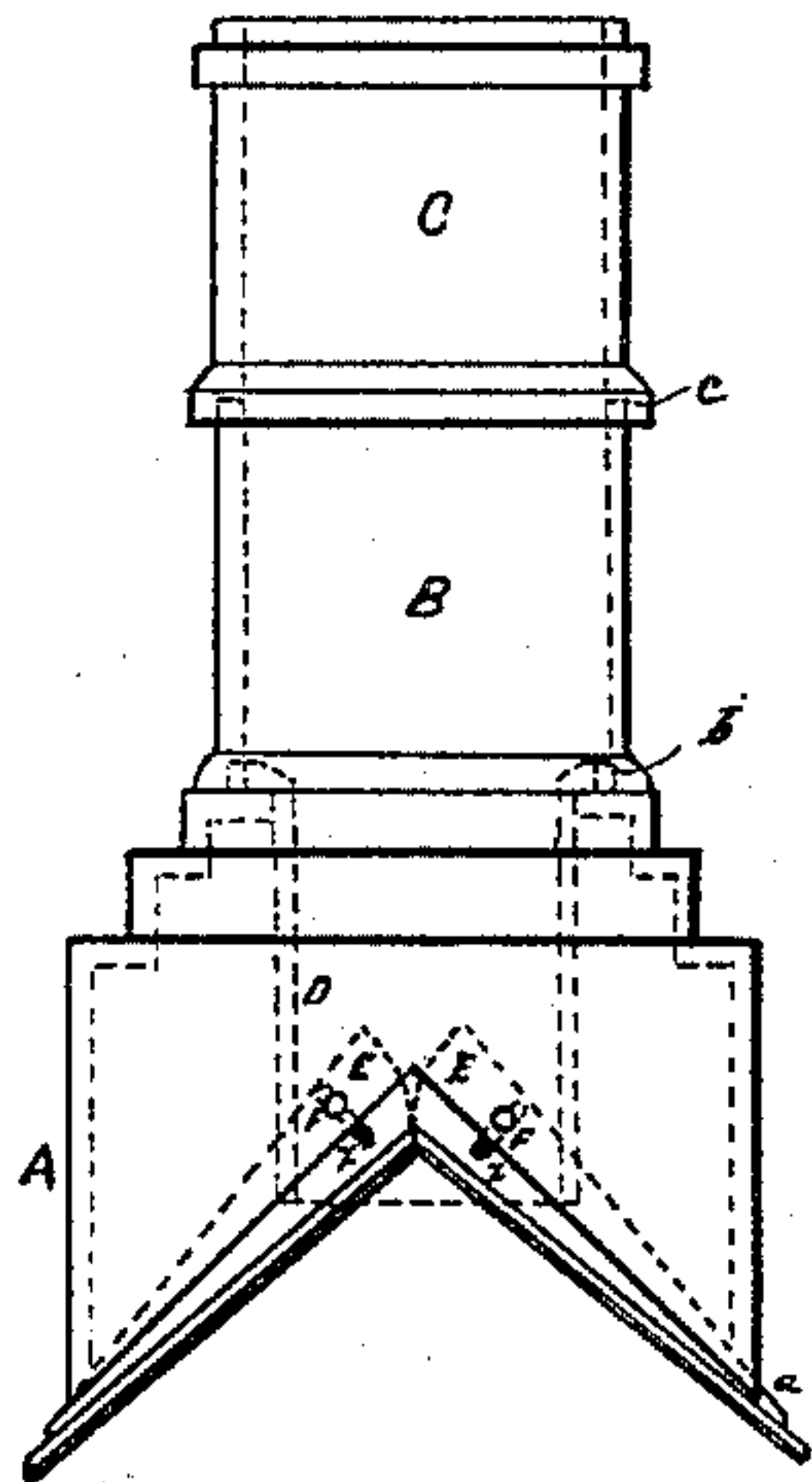
*Fig. 2.*



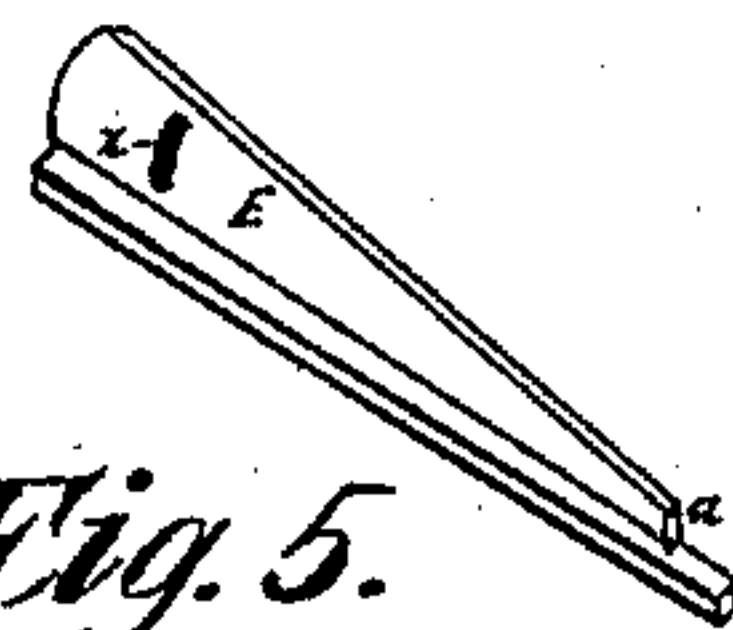
*Fig. 4.*



*Fig. 3.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

FRANKLIN RASNER, OF BANGOR, PENNSYLVANIA.

## CHIMNEY-TOP.

SPECIFICATION forming part of Letters Patent No. 462,162, dated October 27, 1891.

Application filed June 25, 1891. Serial No. 397,451. (No model.)

*To all whom it may concern:*

Be it known that I, FRANKLIN RASNER, a citizen of the United States, residing at Bangor, in the county of Northampton and State of Pennsylvania, have invented a certain new and useful Improvement in Chimney-Tops, of which the following is a specification, reference being had thereunto in the accompanying drawings.

This improvement relates, mainly, to that class of chimneys which are cast-iron and provided with adjustable water-sheds, so arranged as to be adjustable in order to fit on different-pitched roofs.

This invention consists in the peculiar construction, arrangement, and combination of parts hereinafter more particularly described, and then definitely pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improvement; Fig. 2, a portional section of the same; Fig. 3, a side detail view having indication-lines, showing the interior shape and arrangement of vent-flue, as when all the different sections are in their proper place. Fig. 4 shows the vent-flue D, which rests with its top rim on the lower or first section A of chimney and extending partly down into the brick or any suitable smoke-flue as may be provided in the inside of the building for such purpose. Fig. 5 is a detail view of one of the water-shed pieces.

Referring now to the details of the drawings, A represents the first or lower section of the cast-iron chimney provided with the adjustable water-sheds E on both sides, which can be adjusted, as desired, by the bolts F, which are fastened in the section A and extend through slot *x* in water-shed E. Said water-sheds are also provided with a rib, as shown in Fig. 5 at *a*, which holds said slide in position by engaging in the grooves *a'* in section A, as shown in Fig. 1. Section B, which is the second part on the chimney and holds its place by carefully fitting and lapping over a rim on section A for said purpose, as shown in Fig. 2 at *b* and *c*, where section C—the top part—rests on section B. In this manner as many sections as may be desired can be placed on top of each other to obtain the proper heights required by the builder.

The vent-flue D holds its position as shown in Fig. 2, having a rim suitable to hang and hold its position and place, by sliding it down into section A and on top of section A, as shown at *h*, E being the adjustable water-shed, which is rigidly connected with the section A and extends down and beneath the side edges of the same, as shown. The different sections are kept in their proper position, as clearly shown by dotted lines in Fig. 3 and at *b* and *c*.

It has been found that by the common practice of extending brick or stone chimneys out above roofs of buildings they are not so durable and fire-proof as they should be. By this means the iron chimneys will be fire-proof and durable. I therefore regard this as a great improvement over the brick or other chimneys "of ordinary construction" now in use, and the independent extension of the vent-flue D down through the roof in the main smoke-flue will make it entirely fire-proof, as can well be seen in the drawings. By this arrangement a chimney is made that is very strong, convenient to put up, also cheap, and one that will be more durable and fire-proof.

What I claim as new is—

1. The combination, with the section A, of the pairs of adjustable water-shed pieces E E, attached to the sides thereof, having vertical ribs or flanges, constructed and arranged substantially as described.

2. The combination, with the section A, of the pairs of adjustable water-shed pieces E E, attached to the sides thereof, having vertical ribs or flanges, and the top sections superimposed on section A, substantially as and for the purpose set forth.

3. The combination of section A and ribbed pieces E E, attached thereto, with the flue-section D suspended therein, and the top section mounted thereon, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

FRANKLIN RASNER.

Witnesses:

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W. O. HAUCK.